

**Sverdrup**

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K.87  
1/29/87

153574

D A I L Y

DATE: January 29, 1987

F I E L D

TIME: 0710 to 1645

R E P O R T

PLACE: Cerro Copper Plant Site  
Sauget, Illinois

WEATHER: Cloudy, Overcast, 30s

PROJECT: JOB 10224A  
CERRO COPPER  
IEPA RI/FS OVERSIGHT

DISTRIBUTION:

S. Silverstein, Cerro (2 copies)  
JBC/LJO/ED 10224-1.3

PERSONNEL ON SITE:

<u>Name</u>	<u>Affiliation</u>	<u>Hrs.</u>
Dave Guyan	Sverdrup	9.5
Dan Sewall	Ecology & Environment (E&E)	9.5
Tim Maley	Ecology & Environment (E&E)	9.5
Jerry Hamman	Fox Drilling	9.5
Robbie Crachity	Fox Drilling	9.5
Henry Colligan	Drillers Union Official	9.5

FIELD WORK SUMMARY:

1. D. Guyan arrived at Cerro Copper Plant at 0710. Fox Drilling personnel arrived at 0725. They sign in and inform D. Guyan that E&E will be along shortly.
2. D. Sewall and T. Maley arrived on site at 0735. Ron Bock stayed at metro field office to complete paper work and screen yesterday's samples from I-2 depth's 30' - 40'.
3. Drillers began steam cleaning augers at 0745. D. Sewall departed site to get gravel to fill I-2 to the surface.
4. Sewall returned at 0830. Drillers completed steam cleaning and prepared to move to next location. This location was soil boring I-3 and is located approximately 1,500' north of I-2, just east of railroad spur (see Attachment A). Crew members wore Level C protective clothing. Initial 0 - 1.5' sample was collected at 0900. Sampling took place every 2.5' thereafter.
5. Boring I-3 sampling was completed at 1030. Total depth of hole was 30.0'. Drillers began preparing grout mixture. D. Sewall departed site to deliver samples to R. Bock at metro field office.

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6. Grouting completed at 1050, drillers moved rig to steam cleaning area. D. Sewall returned to site. Steam cleaning halted because water tank was empty. All crew members departed for lunch. Drillers will get more cement and water.
7. Drillers returned to Cerro Plant at 1205, D. Guyan returned at 1210, Sewall, Maley and Colligan return at 1235. Steam cleaning completed at 1250.
8. Crew set up on new location at 1300. This was soil boring I-4, monitor well EE-13 and is situated approximately 600' north of I-3 (see Attachment A). Crew wore Level C protective clothing.
9. Larry Oliver entered site at 1300 to observe field operations. Crew still sampling every 2.5'.
10. L. Oliver departed site at 1330. HNU had not detected significant levels so field crew removed full-face respirators.
11. Drilling completed at 1415 to a depth of 27.0'. Hole collapsed as stainless steel screen was being placed. Drillers pumped water down hole to remove debris.
12. Drillers added sand to well at 1500. Screen was placed from 27.0' - 22.0', sand extended from 27.0' - 20.0'. A 2.0' bentonite seal was placed on top of this. Drillers removed all of augers from hole and began adding dry bags of portland cement. Water was poured down hole after each bag.
13. Locking well cover was installed over well at 1630. All crew members went to steam cleaning area. Drillers will steam clean augers and rig tomorrow morning.
14. All crew members departed site at 1645. Personnel will meet at Guard House tomorrow at 0700.
15. D. Guyan took 31 pictures of field activities.

Attachments (1)

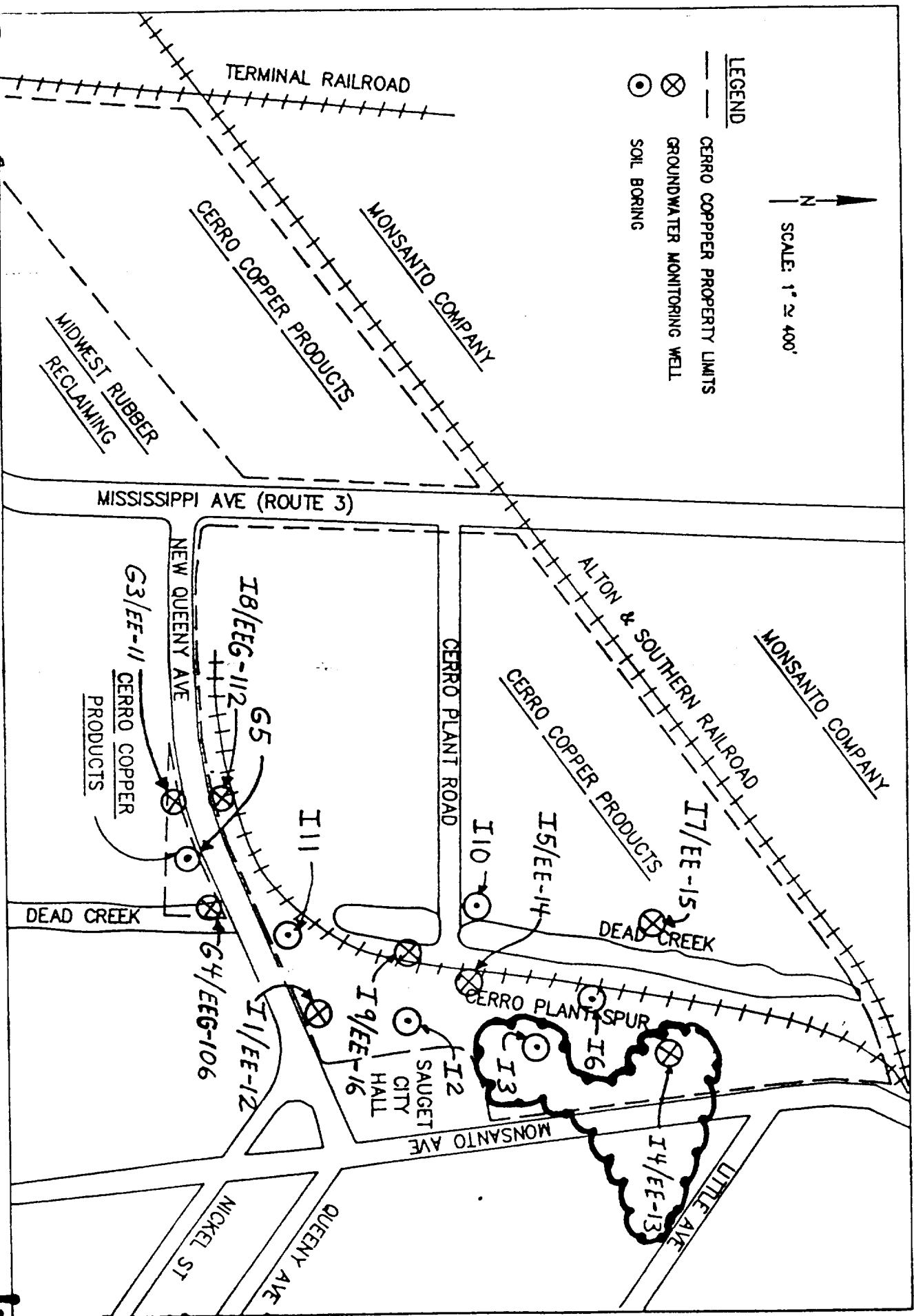
  
Sverdrup Corporation

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SCALE: 1" = 400'

- LEGEND**
- CERRO COPPER PROPERTY LIMITS
  - ⊗ GROUNDWATER MONITORING WELL
  - ⊙ SOIL BORING

**NOTE: NUMBERING LEGEND -**  
BORING HOLE ID / WELL ID

SITE MAP AND E & E WORK AREAS



**ATTACHMENT A**